

**ABSTRACT**

Apparatus, and an associated method, for facilitating communication of encoded data, formed of a systematic part and a non-systematic part, in a radio communication system. Systematic parts of the encoded data are assigned by an assignor to transmit antennas that are associated with communication channels exhibiting better, or best, communication quality levels. Determinations are made of communication conditions to rank the transmit antennas, thereby permit appropriate assignments of the encoded data to transmit antennas. Feedback is provided by the receiver that receives the transmitted data. The feedback information includes, or is formed responsive to, detections and other measurements at the receivers.